

TRIPOLI EAST VEGETATION MANAGEMENT PROJECT **APPENDIX D – HABITAT MANAGEMENT UNITS (HMUs) 416 AND 417 DATA**

Appendix – D contains data for HMUs 416 and 417. This information includes:

- Current information;
- Forest Plan Desired Conditions based on HMUs for Management Areas 2.1 and 3.1 (p. III-13); and
- Possible future outcomes based on alternatives proposed in the Tripoli East Project.

Table 1: Existing Percent of Even- and Uneven-Aged Management System Allocation by HMUs 416 and 417 and by The Tripoli East Project Area.

MA	Management System	HMU			Tripoli East Project Area		
		416 (4104 Ac)	417 (2658 Ac)	Total HMUs 416 & 417 (6762 Ac)	416 (2250 Ac)	417 (714 Ac)	Total HMUs 416 & 417 (2964 Ac)
2.1	Even-aged (DC = 50%)	66%	60%	65%	63%	76%	68%
	Uneven-Aged (DC = 50%)	34%	40%	35%	37%	24%	32%
	Total	100%	100%	100%	100%	100%	100%
3.1	Even-aged (DC = 85%)	55%	41%	39%	62%	No MA 3.1 lands in HMU 417	62%
	Uneven-Aged (DC = 15%)	45%	59%	61%	38%		38%
	Total	100%	100%	100%	100%	NA	100%
Total Even-aged for each HMU		66%	54%		63%	76%	
Total Uneven-aged for each HMU		34%	46%		37%	24%	
Total		100%	100%	100%	100%	100%	100%

Table 2: Desired Composition (DC)/Existing Composition (EC) of MA 2.1 (~3976 acres) and 3.1 (~128 acres) Lands in HMUs 416 by Even-Aged and Uneven-Aged Management (Based on Forest Plan, p. III-3) for the Tripoli East Project Area

COMMUNITY TYPE		EVEN-AGED MANAGEMENT (EAM)												UNEVEN-AGED MANAGEMENT (UEAM)	
		Column 1 Percent EAM Lands For MAs 2.1 & 3.1 Lands in HMU 416 (66% - 2720 Ac of HMU 416)		Columns 2-5 COMMUNITY STAGE								Column 6 Total of each Community Type		Column 7 Percent UEAM For MAs 2.1 & 3.1 Lands in HMU 416 (34% - 1383 Ac of HMU 416)	
				Regeneration		Young		Mature		Over Mature					
				DC HMU	EC HMU	DC HMU	EC HMU	DC HMU	EC HMU	DC HMU	EC HMU	DC HMU	EC HMU	DC HMU	EC HMU
Northern Hardwood		51%	90 %	10%	2%	35%	12%	45%	75%	10%	11%	100%	100%	66%	91%
Paper/Birch/Aspen		22%	5 %	12%	0%	45%	76%	33%	0%	10%	24%	100%	100%	NA	2%
Spruce/Fir		16%	1 %	10%	0%	25%	0%	55%	64%	10%	36%	100%	100%	22%	0%
Hemlock		NA	0%	NA								NA	100%	5%	0%
Oak/Pine		2%	0 %	10%	0%	45%	0%	35%	0%	10%	0%	100%	0%	1%	4%
Permanent Openings		3%	4 %	NA								100%	100%	3%	3%
EAM	Total Percent of EAM Lands For MAs 2.1 & 3.1 in HMU 416	94% [♦]	100%									94% [♥]	100%		
UEAM	Total Percent of UEAM Lands MA 2.1 & 3.1 Lands in HMU 416													97%	100%

♦ Percentages do not include acres of Wetlands (2%) or Other (4%) habitat communities.

♥ Percentages do not include acres of Wetlands (1%) or Other (2%) habitat communities.

Table 3: Desired Composition (DC)/Existing Composition (EC) of MA 2.1 (~1724 acres) and 3.1 (~901 acres) Lands in HMU 417 by Even-Aged and Uneven-Aged Management (Based on Forest Plan, p. III-3) for the Tripoli East Project Area

COMMUNITY TYPE		EVEN-AGED MANAGEMENT (EAM)											UNEVEN-AGED MANAGEMENT (UEAM)			
		Column 1 Percent EAM Lands For MAs 2.1 & 3.1 Lands in HMUs 417 (65% - 1724 Ac of HMU 417)		Columns 2-5 COMMUNITY STAGE								Column 6 Total%; Ac of each Community Type		Column 7 Percent UEAM Lands For MAs 2.1 & 3.1 Lands in HMUs 417 (35% - 934 Ac of HMUs 417)		
				Regeneration		Young		Mature		Over Mature						
DC HMU	EC HMU	DC HMU	EC HMU	DC HMU	EC HMU	DC HMU	EC HMU	DC HMU	EC HMU	DC HMU	EC HMU	DC HMU	EC HMU			
Northern Hardwood		51%	75%	10%	0%	35%	35%	45%	65%	10%	0%	100%	100%	66%	88%	
Paper/Birch/Aspen		22%	16%	12%	0%	45%	63%	33%	0%	10%	37%	100%	100%	NA	9%	
Spruce/Fir		16%	7%	10%	0%	25%	0%	55%	100%	10%	0%	100%	100%	22%	2%	
Hemlock		NA	0%	NA								NA		5%	1%	
Oak/Pine		2%	0%	10%	0%	45%	0%	35%	0%	10%	0%	100%	0%	1%	0%	
Permanent Openings		3%	1%	NA								100%		1%	3%	0%
EAM	Total Percent of EAM Lands For MAs 2.1 & 3.1 in HMU 417	94%*	100 %									94%*	100%			
UEAM	Total Percent of UEAM Lands MA 2.1 & 3.1 Lands in HMU 417													97%*	100%	

♦ Percentages do not include acres of Wetlands (2%) or Other (4%) habitat communities.

♥ Percentages do not include acres of Wetlands (1%) or Other (2%) habitat communities.

Table 4 – Comparison of Alternatives for Even-Aged Management By Community Stage For the Northern Hardwood Community Type in the Year 2012

Community Stage	DC	HMU 416							HMU 417						
		EC	Alt 1	Alt 2	Alt 3	Alt 4	Alt 5	Alt 6	EC	Alt 1	Alt 2	Alt 3	Alt 4	Alt 5	Alt 6
Regenerating	10%	2%	0%	0%	0%	0%	1%	0%	0%	0%	6%	0%	6%	6%	6%
Young	35%	12%	14+%	14+%	14+%	14+%	14+%	14+%	35%	35%	35%	35%	35%	35%	35%
Mature	45%	75%	64%	64%	64%	64%	64%	64%	65%	50%	50%	50%	50%	50%	50%
Over mature	10%	11%	22%	22%	22%	22%	21%	22%	0%	15%	9%	15%	9%	9%	9%

Table 5 - Comparison of Alternatives for Even-Aged Management By Community Stage For the Paper Birch/Aspen Community Type in the Year 2012

Community Stage	DC	HMU 416							HMU 417						
		EC	Alt 1	Alt 2	Alt 3	Alt 4	Alt 5	Alt 6	EC	Alt 1	Alt 2	Alt 3	Alt 4	Alt 5	Alt 6
Regenerating	12%	0%	0%	14%	0%	14%	14%	14%	0%	0%	23%	0%	23%	23%	23%
Young	45%	76%	76%	76%	76%	76%	76%	76%	63%	63%	63%	63%	63%	63%	63%
Mature	33%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Over mature	10%	24%	24%	10%	24%	10%	10%	10%	37%	37%	14%	37%	14%	14%	14%

Table 6 - Comparison of Alternatives for Even-Aged Management By Community Stage For the Spruce/Fir Community Type in the Year 2012

Community Stage	DC	HMU 416							HMU 417						
		EC	Alt 1	Alt 2	Alt 3	Alt 4	Alt 5	Alt 6	EC	Alt 1	Alt 2	Alt 3	Alt 4	Alt 5	Alt 6
Regenerating	10%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Young	25%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Mature	55%	64%	32%	32%	32%	32%	32%	32%	100%	100%	100%	100%	100%	100%	100%
Over mature	10%	36%	68%	68%	68%	68%	68%	68%	0%	0%	0%	0%	0%	0%	0%

Table 7 - Comparison of Alternatives for Even-Aged Management By Community Stage For The Oak/Pine Community Type in the Year 2012

Community Stage	DC	HMU 416							HMU 417						
		EC	Alt 1	Alt 2	Alt 3	Alt 4	Alt 5	Alt 6	EC	Alt 1	Alt 2	Alt 3	Alt 4	Alt 5	Alt 6
Regenerating	10%	0%	No change from EC						0%	No change from EC					
Young	45%	0%							0%						
Mature	35%	0%							0%						
Over mature	10%	0%							0%						

Table 8 - Comparison of Alternatives for Uneven-Aged Management By Community Type in the Year 2012

Community Stage	DC	HMU 416							HMU 417						
		EC	Alt 1	Alt 2	Alt 3	Alt 4	Alt 5	Alt 6	EC	Alt 1	Alt 2	Alt 3	Alt 4	Alt 5	Alt 6
Northern Hardwood	66%	91%	No change from EC						88%	No change from EC					
Spruce/Fir	22%	2%							9%						
Hemlock	5%	0%							1%						
Oak/Pine	1%	4%							0%						